

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

5. Lease Serial No.

UTU-0579

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

NATURAL BUTTES UNIT

8. Lease Name and Well No.

NBU 920-25J

9. API Well No.

43-047-32010

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Blk, and Survey or Area

SEC 25-T9S-R20E

12. County or Parish

UINTAH

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

☐ Single Zone

☒ Multiple Zone

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3A. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

(435) 781-7060

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface NWSE 1956' FSL 1903' FEL 6185477X 40.004141

At proposed prod. Zone

44289304 -109.611180

14. Distance in miles and direction from nearest town or post office\*

10.8 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)

1903'

16. No. of Acres in lease

1920

17. Spacing Unit dedicated to this well

40

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.

REFER TO  
TOPO C

19. Proposed Depth

10000'

20. BLM/BIA Bond No. on file

CO-1203

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

4863.7' GL

22. Approximate date work will start\*

UPON APPROVAL

23. Estimated duration

TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized office.

25. Signature

Name (Printed/Typed)

DEBRA DOMENICI

Date

8/17/2005

Title

ASSOCIATE ENVIRONMENTAL ANALYST

Approved by (Signature)

Name (Printed/Typed)

BRADLEY G. HILL

Date

08-25-05

Title

ENVIRONMENTAL SCIENTIST III

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

RECEIVED  
AUG 19 2005

DIV. OF OIL, GAS & MINING

T9S, R20E, S.L.B.&M.

WESTPORT OIL AND GAS COMPANY, L.P.

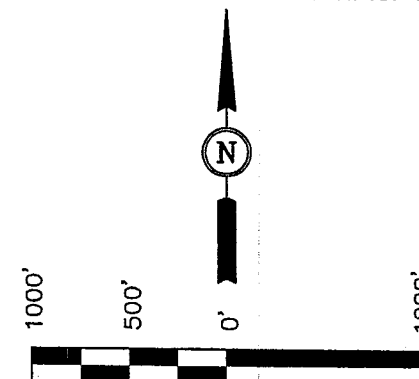
Well location, NBU #920-25J, located as shown in the NW 1/4 SE 1/4 of Section 25, T9S, R20E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



### SCALE CERTIFICATE

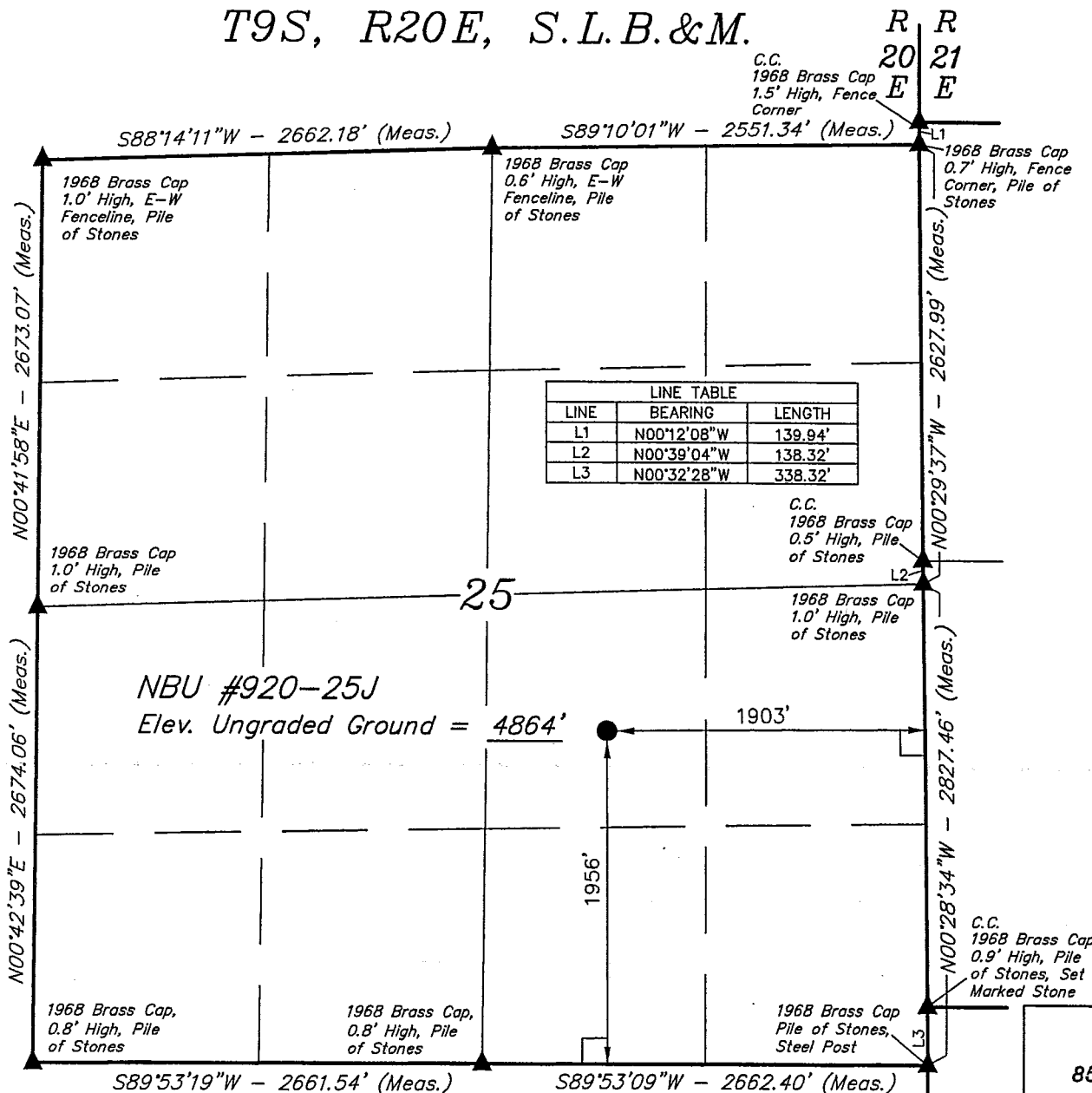
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert A. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

|                           |  |                         |
|---------------------------|--|-------------------------|
| SCALE<br>1" = 1000'       | DATE SURVEYED:<br>05-25-05                 | DATE DRAWN:<br>05-29-05 |
| PARTY<br>D.K. G.O. D.R.B. | REFERENCES<br>G.L.O. PLAT                  |                         |
| WEATHER<br>WARM           | FILE<br>WESTPORT OIL AND GAS COMPANY, L.P. |                         |

| LINE TABLE |             |         |
|------------|-------------|---------|
| LINE       | BEARING     | LENGTH  |
| L1         | N00°12'08"W | 139.94' |
| L2         | N00°39'04"W | 138.32' |
| L3         | N00°32'28"W | 338.32' |



### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
LATITUDE = 40°00'14.96" (40.004156)  
LONGITUDE = 109°36'42.82" (109.611894)  
(NAD 27)  
LATITUDE = 40°00'15.09" (40.004192)  
LONGITUDE = 109°36'40.33" (109.611203)

NBU #920-25J  
NWSW Sec. 25, T9S, R20E  
UINTAH COUNTY, UTAH  
UTU-0579

ONSHORE ORDER NO. 1

***DRILLING PROGRAM***

1. **Estimated Tops of Important Geologic Markers:**

| <u>Formation</u> | <u>Depth</u> |
|------------------|--------------|
| Uinta            | 0- Surface   |
| Green River      | 1750'        |
| Wasatch          | 5075'        |
| Mesaverde        | 8110'        |
| TD               | 10000'       |

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|------------------|--------------|
|                  | Green River      | 1750'        |
| Gas              | Wasatch          | 5075'        |
| Gas              | Mesaverde        | 8110'        |
| Water            | N/A              |              |
| Other Minerals   | N/A              |              |

3. **Pressure Control Equipment** (Schematic Attached)

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

4. **Proposed Casing & Cementing Program:**

*Please see the Natural Buttes Unit SOP.*

5. **Drilling Fluids Program:**

*Please see the Natural Buttes Unit SOP.*

6. **Evaluation Program:**

*Please see the Natural Buttes Unit SOP.*

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 10000' TD, approximately equals 4000 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1800 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

*Drilling is planned to commence immediately upon approval of this application.*

9. **Variances:**

*Please see Natural Buttes Unit SOP.*

10. **Other Information:**

*Please see Natural Buttes Unit SOP.*





# Westport Oil and Gas Company, L.P.

## DRILLING PROGRAM

### CASING PROGRAM

|            | SIZE   | INTERVAL     | WT.   | GR.  | CPLG. | DESIGN FACTORS |          |         |
|------------|--------|--------------|-------|------|-------|----------------|----------|---------|
|            |        |              |       |      |       | BURST          | COLLAPSE | TENSION |
| CONDUCTOR  | 14"    | 0-40'        |       |      |       | 2270           | 1370     | 254000  |
| SURFACE    | 9-5/8" | 0 to 2300    | 32.30 | H-40 | STC   | 0.52*****      | 1.27     | 3.33    |
|            |        |              |       |      |       | 3520           | 2020     | 564000  |
|            | 9-5/8" | 2300 to 2700 | 36.00 | J-55 | STC   | 1.04*****      | 1.60     | 7.39    |
| PRODUCTION | 4-1/2" | 0 to 10000   | 11.60 | I-80 | LTC   | 7780           | 6350     | 201000  |
|            |        |              |       |      |       | 1.77           | 0.96     | 1.99    |

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 12.7 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)

MASP 4404 psi

\*\*\*\*\* Burst SF is low but csg is stronger than formation at 2700 feet

\*\*\*\*\* EMW @ 2700 for 2270# is 16.2 ppg or 0.8 psi/ft

### CEMENT PROGRAM

|                     |                 | FT. OF FILL | DESCRIPTION  | SACKS   | EXCESS | WEIGHT | YIELD |
|---------------------|-----------------|-------------|--|---------|--------|--------|-------|
| SURFACE<br>Option 1 | LEAD            | 500         | Premium cmt + 2% CaCl<br>+ .25 pps flocele   | 215     | 60%    | 15.60  | 1.18  |
|                     | TOP OUT CMT (1) | 250         | 20 gals sodium silicate + Premium cmt<br>+ 2% CaCl + .25 pps flocele                             | 100     |        | 15.60  | 1.18  |
|                     | TOP OUT CMT (2) | as required | Premium cmt + 2% CaCl  | as req. |        | 15.60  | 1.18  |
| SURFACE<br>Option 2 |                 |             | NOTE: If well will circulate water to surface, option 2 will be utilized                         |         |        |        |       |
|                     | LEAD            | 2000        | Prem cmt + 16% Gel + 10 pps gilsonite<br>+ .25 pps Flocele + 3% salt BWOC                        | 230     | 35%    | 11.00  | 3.82  |
|                     | TAIL            | 500         | Premium cmt + 2% CaCl<br>+ .25 pps flocele   | 180     | 35%    | 15.60  | 1.18  |
|                     | TOP OUT CMT     | as required | Premium cmt + 2% CaCl  | as req. |        | 15.60  | 1.18  |
| PRODUCTION          | LEAD            | 4,570'      | Premium Lite II + 3% KCl + 0.25 pps<br>celloflake + 5 pps gilsonite + 10% gel<br>+ 0.5% extender | 500     | 60%    | 11.00  | 3.38  |
|                     | TAIL            | 5,430'      | 50/50 Poz/G + 10% salt + 2% gel<br>+.1% R-3  | 1520    | 60%    | 14.30  | 1.31  |

\*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

\*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

### FLOAT EQUIPMENT & CENTRALIZERS

|            |   |
|------------|---|
| SURFACE    | Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.                   |
| PRODUCTION | Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers. |

### ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper

& lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER:

Brad Laney

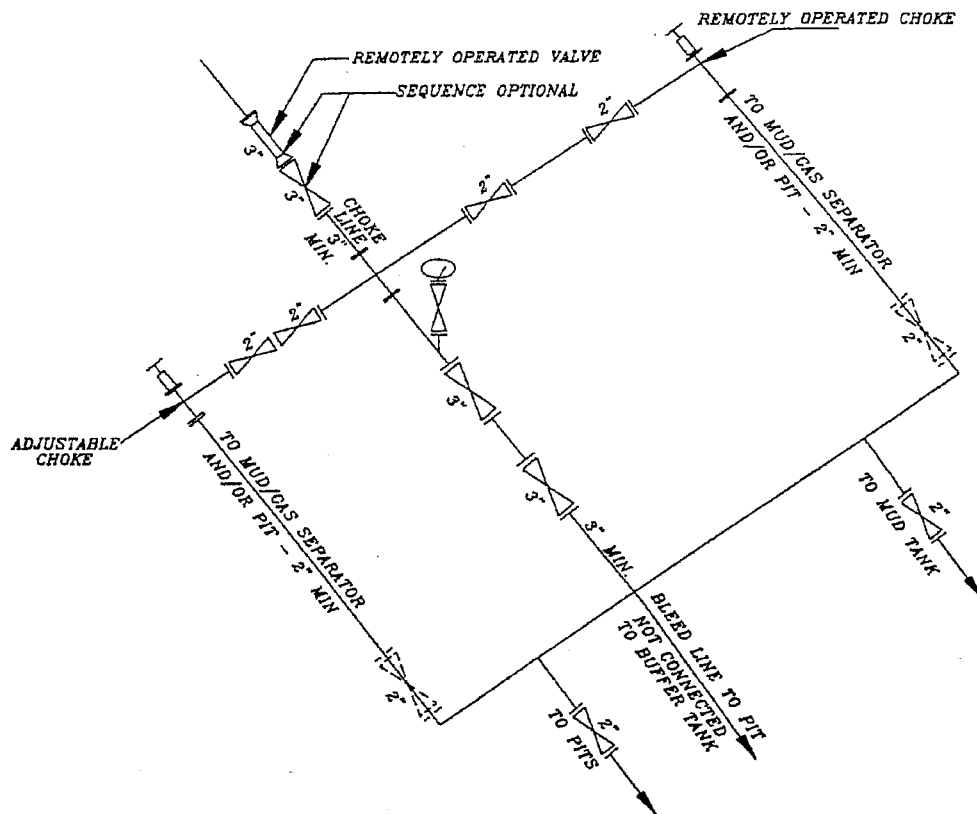
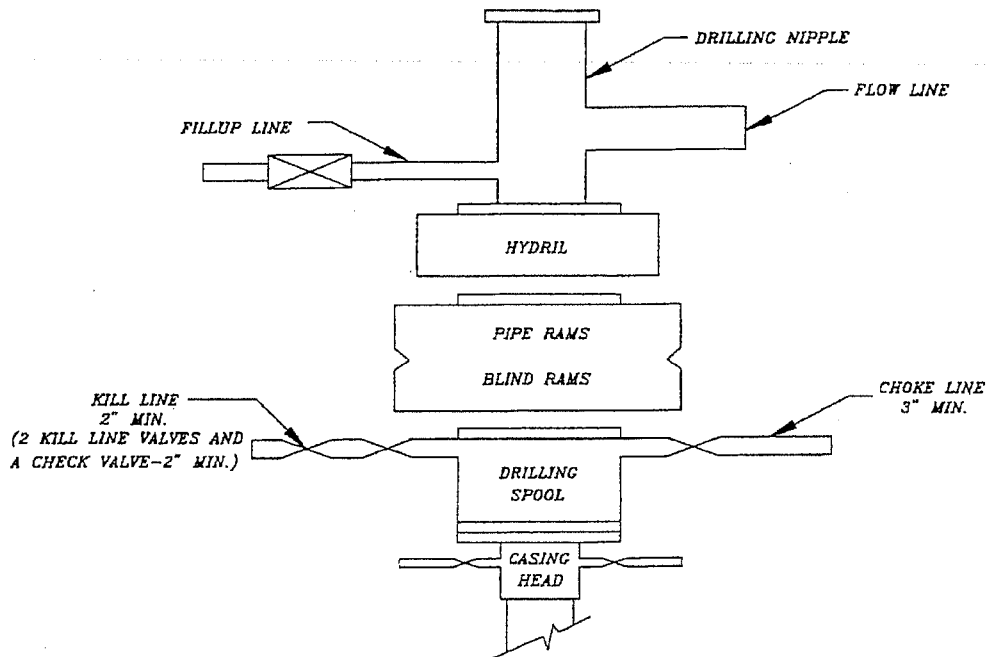
DATE:

DRILLING SUPERINTENDENT:

Randy Bayne NBU920-25J\_I80\_APD(pipeline).xls

DATE:

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU #920-25J  
NWSE SEC 25-T9S-R20E  
UINTAH COUNTY, UTAH  
UTU-0579

**ONSHORE ORDER NO. 1**

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

An onsite inspection was conducted for the NBU #920-25J on 8/9/05, for the subject well.

**1. Existing Roads:**

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

**2. Planned Access Roads:**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

Approximately 0.7 miles of existing 2-track needs upgraded, approximately 0.5 miles of re-habed road needs upgraded, and approximately 0.15 miles of new access road is proposed. Refer to Topo Map B.

**3. Location of Existing Wells Within a 1-Mile Radius**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities**

*Please see the Natural Buttes Unit SOP.*

Refer to Topo Maps D and D1 for the location of the proposed pipelines.

**Variances to Best Management Practices (BMPs) Requested:**

Approximately 873' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurate bedrock, such as sandstone, is at or within 2 feet of the surface.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

**5. Location and Type of Water Supply:**

*Please see the Natural Buttes SOP.*



6. **Source of Construction Materials**

*Please see the Natural Buttes SOP.*

7. **Methods of Handling Waste Materials**

*Please see the Natural Buttes SOP.*

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities**

*Please see the Natural Buttes SOP.*

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads. The hillside on the northwest side of the pit will be avoided.

As per previous onsite discussion, a 20 mil reserve pit liner with felt will be used.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

*Please see the Natural Buttes SOP.*

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

|                      |        |
|----------------------|--------|
| Crested Wheatgrass   | 3 lbs. |
| Scarlet Globe Mallow | 3 lbs. |
| Mat Saltbush         | 3 lbs. |
| Gardiner Saltbush    | 3 lbs. |

The topsoil shall be spread on the location where practical and reseeded one time.

**11. Surface Ownership:**

The well pad and access road are located on lands owned by:

United States of America  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078  
(435)781-4400

**12. Stipulations:****Wildlife Stipulations:****Antelope Stipulations:**

No construction from May 15 through June 20. A variance may be granted upon request.

**13. Other Information:**

A Class III archaeological survey and a paleontological survey have been performed and will be filed when received.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

**13. Lessee's or Operator's Representative & Certification:**

Debra Domenici  
Associate Environmental Analyst  
Westport O&G Co.  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7060

Randy Bayne  
Drilling Manager  
Westport O&G Co.  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
Debra Domenici

8/17/2005

Date

# WESTPORT OIL AND GAS COMPANY, L.P.

NBU #920-25J

SECTION 25, T9S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TWO-TRACK ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING RE-HABED ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #920-25A TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.35 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 41.8 MILES.

# WESTPORT OIL AND GAS COMPANY, L.P.

NBU #920-25J

LOCATED IN UINTAH COUNTY, UTAH

SECTION 25, T9S, R20E, S.L.B.&M.

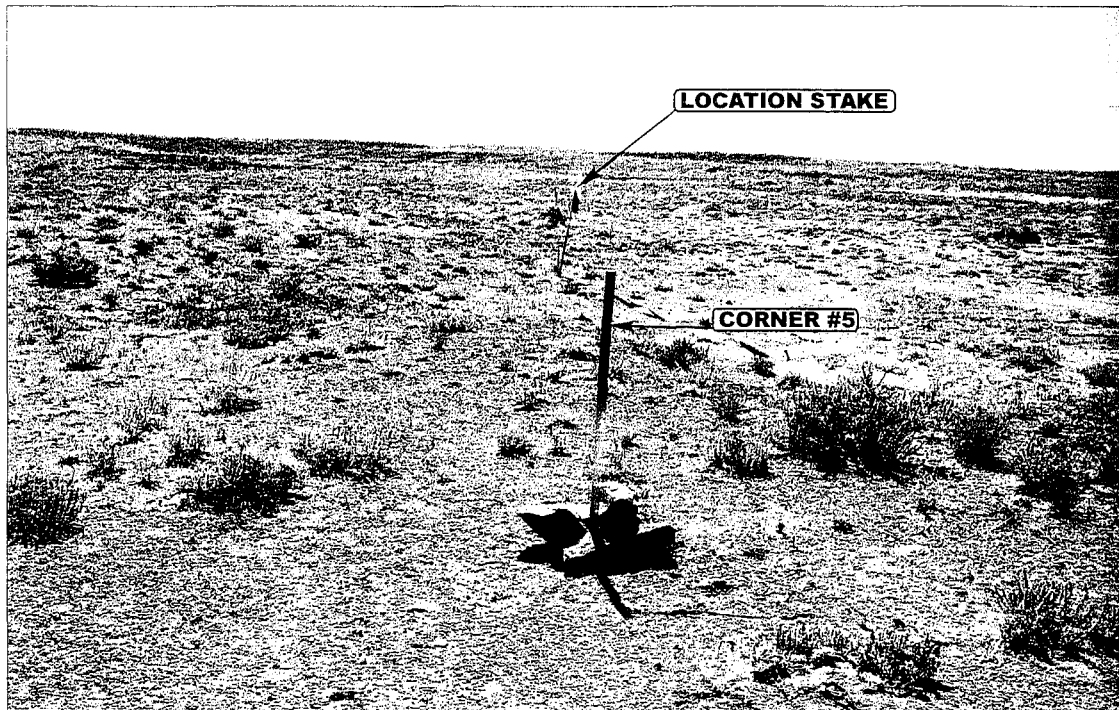


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

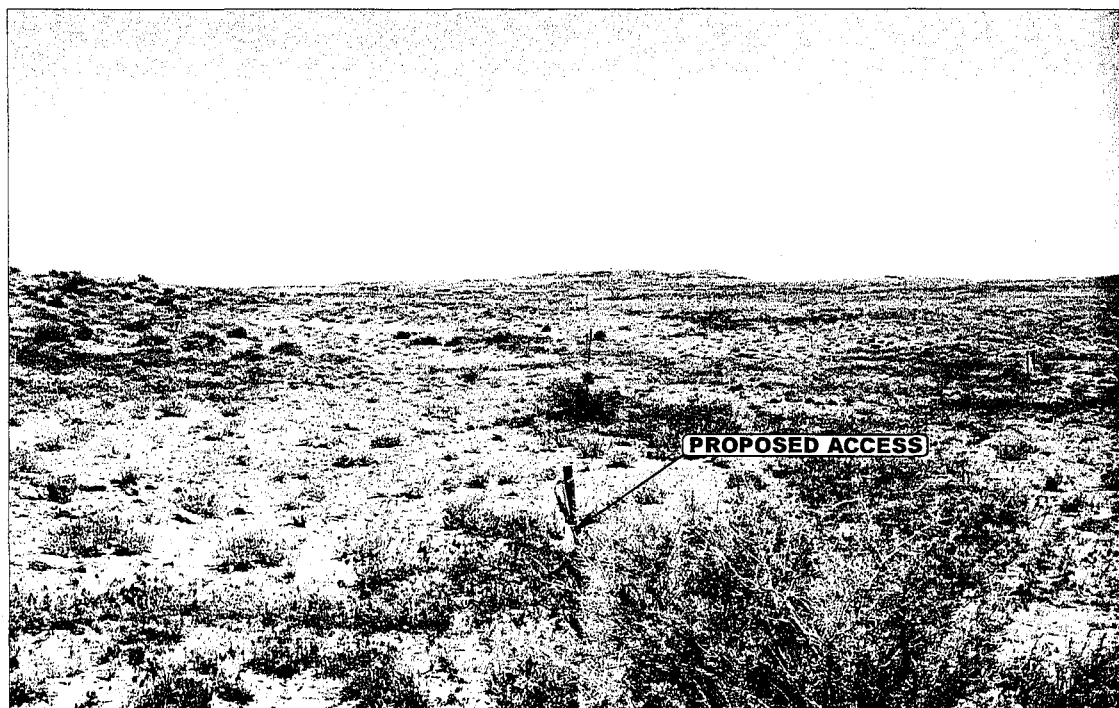


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

**E&L**S

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

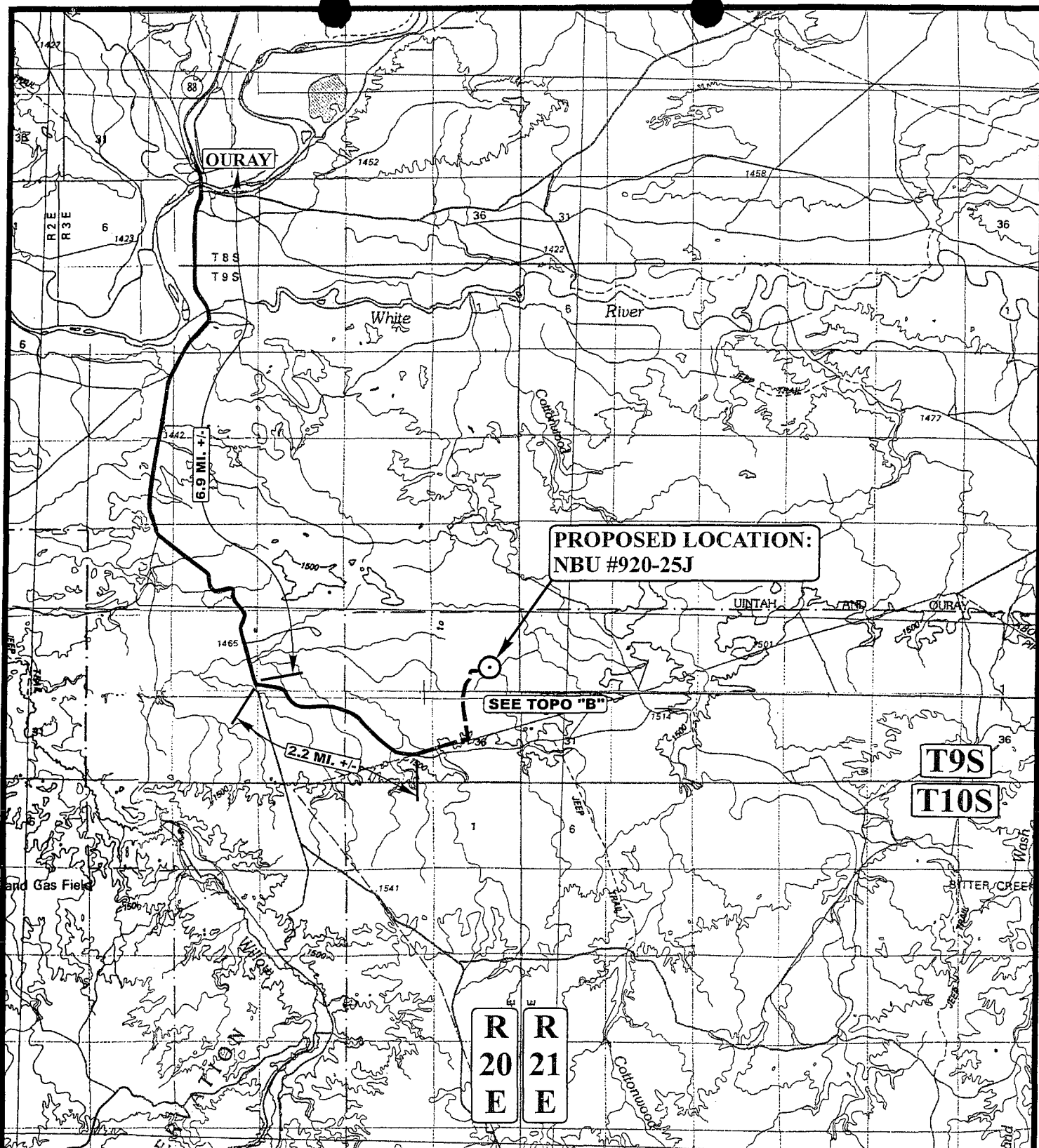
06 04 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: G.O.

DRAWN BY: C.P.

REVISED: 00-00-00



# LEGEND:

○ PROPOSED LOCATION



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #920-25J

SECTION 25, T9S, R20E, S.L.B.&M.

1956' FSL 1903' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

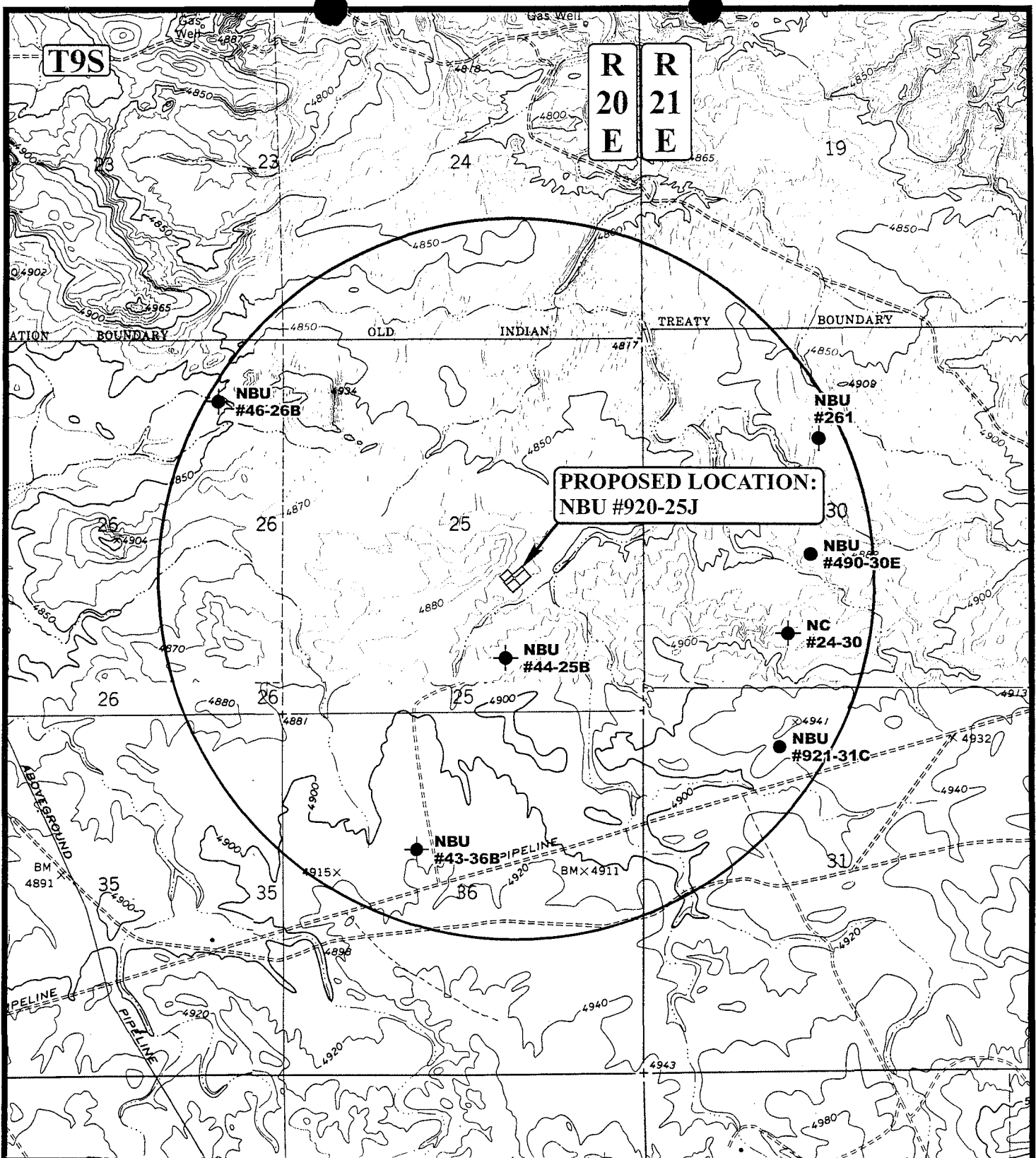
TOPOGRAPHIC  
MAP

06 04 05  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**WESTPORT OIL AND GAS COMPANY, L.P.**

**NBU #920-25J**

**SECTION 25, T9S, R20E, S.L.B.&M.**  
**1956' FSL 1903' FEL**

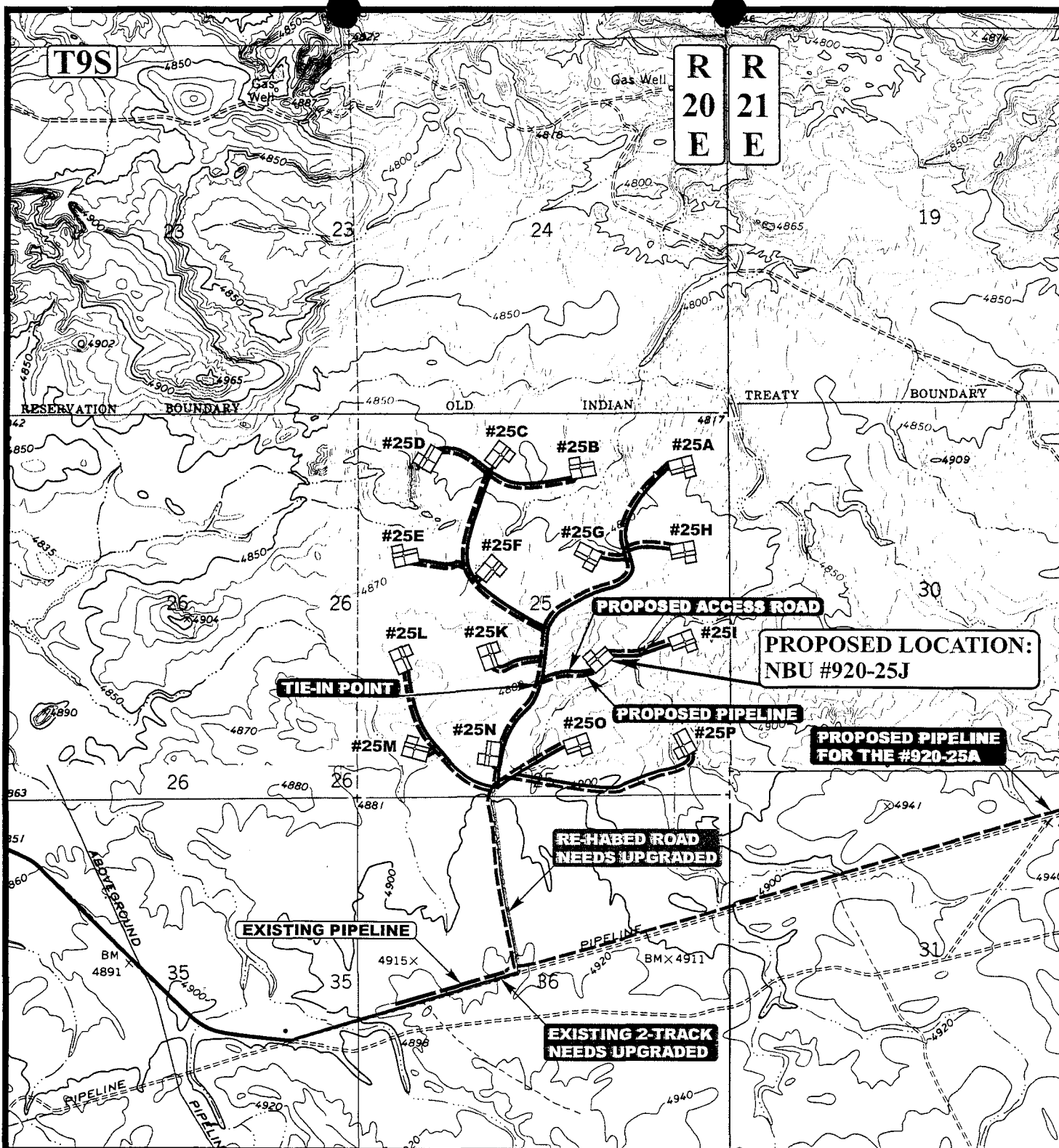
**TOPOGRAPHIC**  
**MAP**

**06 04 05**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







APPROXIMATE TOTAL PIPELINE DISTANCE = 873' +/-

# LEGEND:

|  |   |
|--|---|
|  | PROPOSED ACCESS ROAD                      |
|  | PROPOSED PIPELINE                         |
|  | EXISTING 2-TRACK NEEDS UPGRADED           |
|  | RE-HABED ROAD NEEDS UPGRADED              |
|  | PROPOSED PIPELINE (SERVICING OTHER WELLS) |

N

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #920-25J

SECTION 25, T9S, R20E, S.L.B.&M.

1956' FSL 1903' FEL



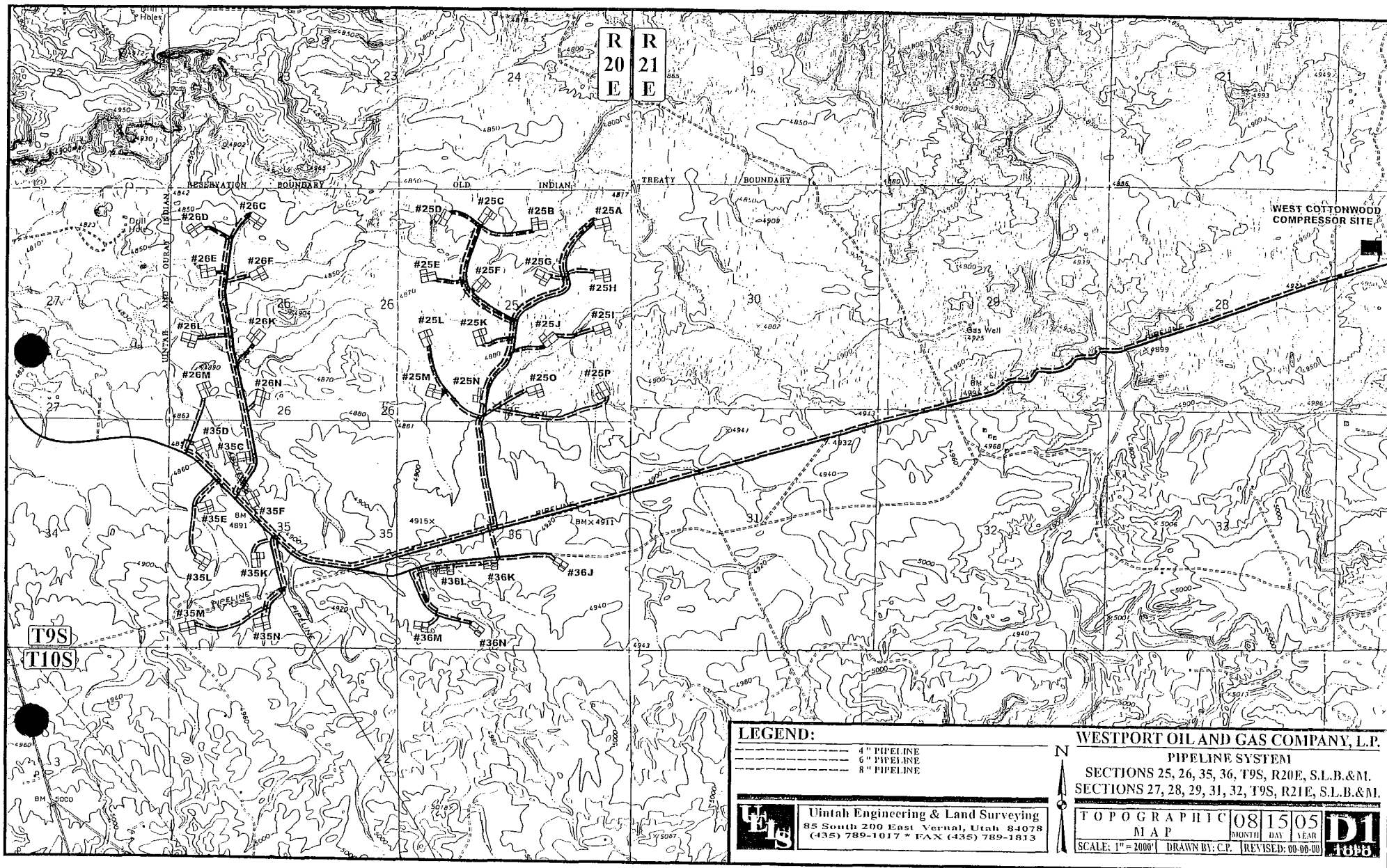
Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

|       |     |      |
|-------|-----|------|
| 06    | 03  | 05   |
| MONTH | DAY | YEAR |

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

**D**  
TOPO



**LEGEND:**

4" PIPELINE  
6" PIPELINE  
8" PIPELINE



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**WESTPORT OIL AND GAS COMPANY, L.P.**

**PIPELINE SYSTEM**

SECTIONS 25, 26, 35, 36, T9S, R20E, S.L.B.&M.  
SECTIONS 27, 28, 29, 31, 32, T9S, R21E, S.L.B.&M.

**TOPOGRAPHIC MAP**  
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00  
**08 15 05**  
MONTH DAY YEAR  
**D1**  
1088

# WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #1

## LOCATION LAYOUT FOR

NBU #920-25J

SECTION 25, T9S, R20E, S.L.B.&M.

1956' FSL 1903' FEL

Proposed Access  
Road to #920-25J

C-4.9'  
El. 67.5'

C-3.8'  
El. 66.4'

F-1.9'  
El. 60.7'

Sta. 3+50

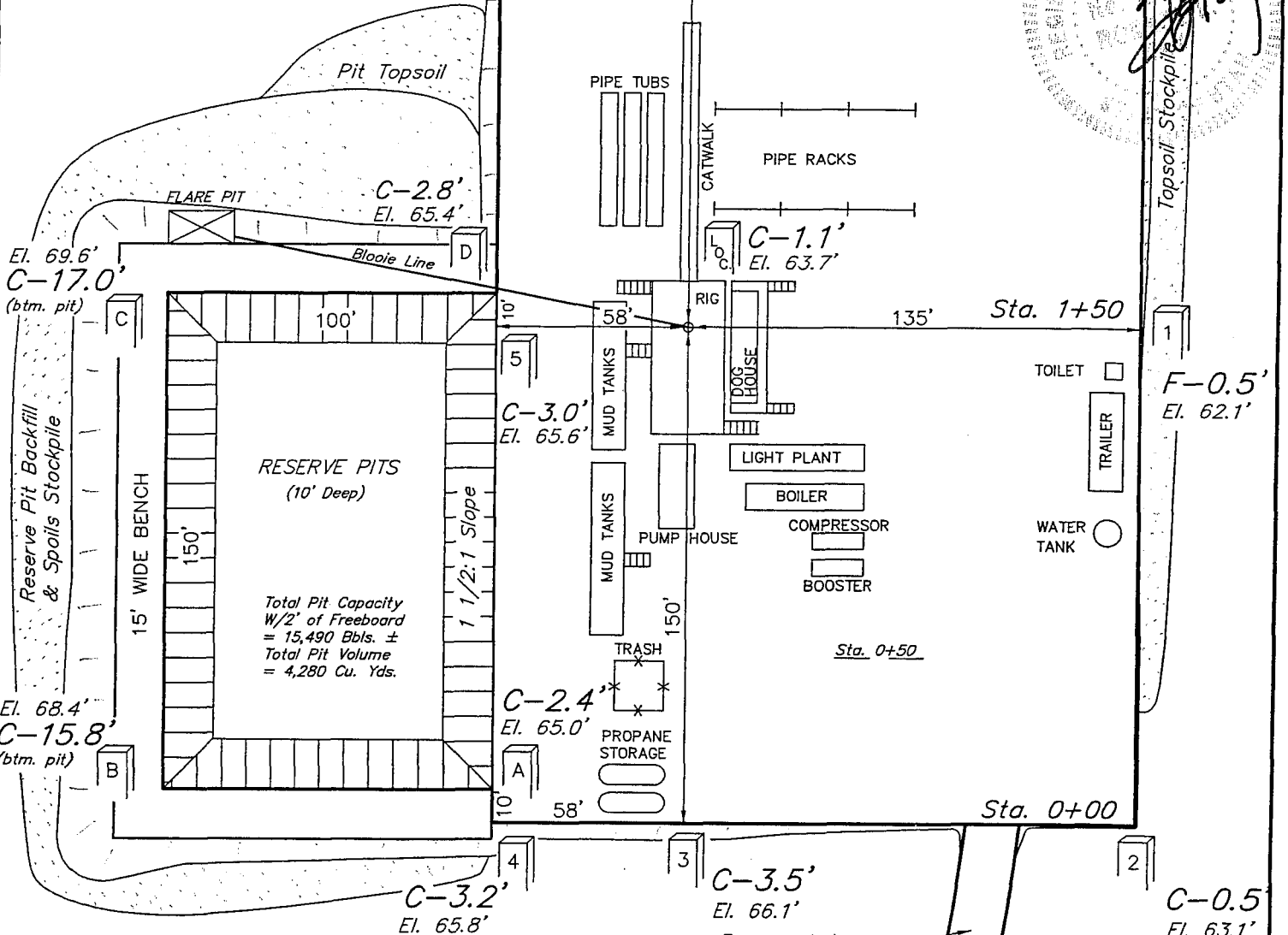
Round Corners  
as Needed

Approx.  
Top of  
Cut Slope

Approx.  
Toe of  
Fill Slope

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 4863.7'

FINISHED GRADE ELEV. AT LOC. STAKE = 4862.6'

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# WESTPORT OIL AND GAS COMPANY, L.P.

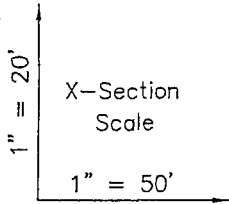
FIGURE #2

## TYPICAL CROSS SECTIONS FOR

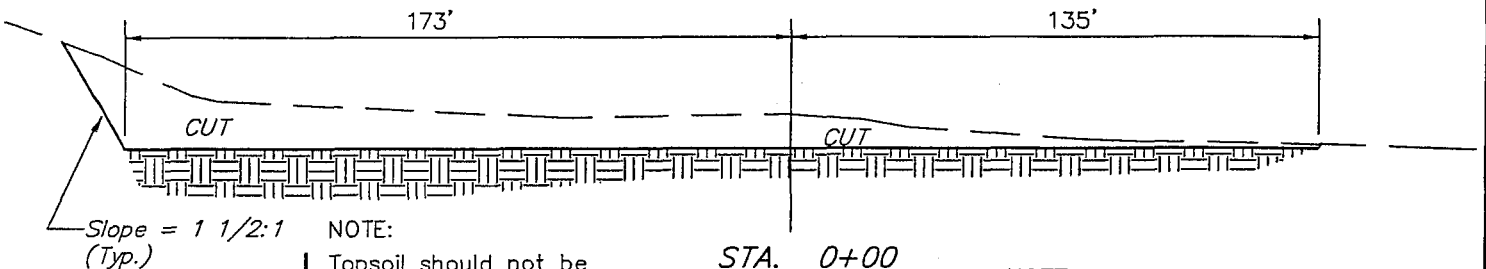
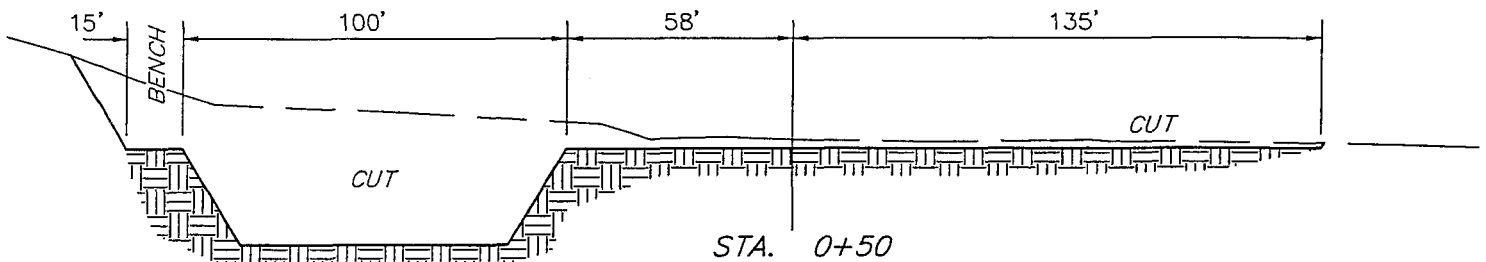
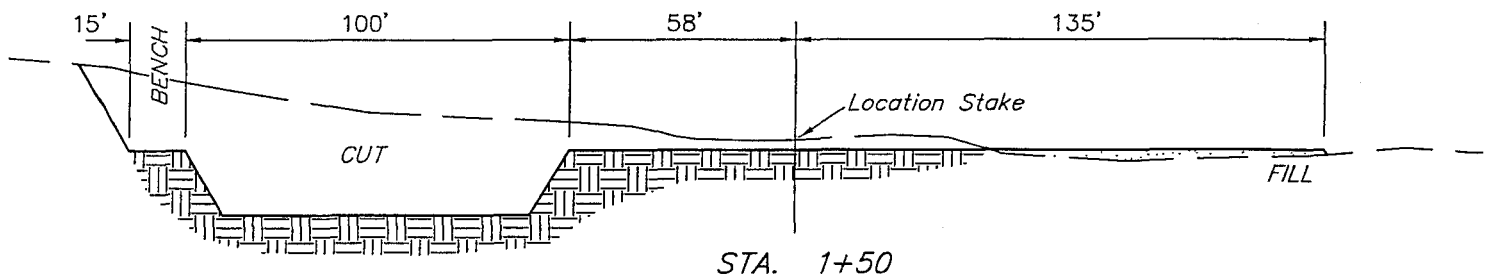
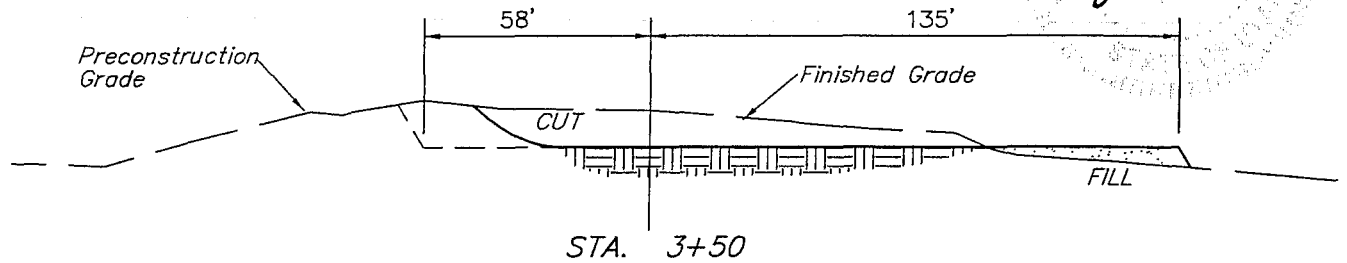
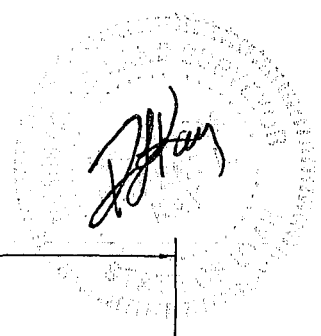
NBU #920-25J

SECTION 25, T9S, R20E, S.L.B.&M.

1956' FSL 1903' FEL



DATE: 05-31-05  
Drawn By: D.R.B.



Slope = 1 1/2:1  
(Typ.)

NOTE:  
Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

|                        |                         |
|------------------------|-------------------------|
| CUT                    |                         |
| (6") Topsoil Stripping | = 1,810 Cu. Yds.        |
| Remaining Location     | = 9,530 Cu. Yds.        |
| <b>TOTAL CUT</b>       | <b>= 11,340 CU.YDS.</b> |
| <b>FILL</b>            | <b>= 1,860 CU.YDS.</b>  |

|  |                  |
|--|------------------|
| EXCESS MATERIAL                            | = 9,480 Cu. Yds. |
| Topsoil & Pit Backfill<br>(1/2 Pit Vol.)   | = 3,950 Cu. Yds. |
| EXCESS UNBALANCE<br>(After Rehabilitation) | = 5,530 Cu. Yds. |

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/19/2005

API NO. ASSIGNED: 43-047-37010

WELL NAME: NBU 920-25J

OPERATOR: WESTPORT OIL & GAS CO ( N2115 )

CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

NWSE 25 090S 200E

SURFACE: 1956 FSL 1903 FEL

BOTTOM: 1956 FSL 1903 FEL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-0579

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|-------------|----------|------|
| Engineering |          |      |
| Geology     |          |      |
| Surface     |          |      |

LATITUDE: 40.00414

LONGITUDE: -109.6112

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. CO-1203 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 43-8496 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit NATURAL BUTTES

\_\_\_ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 173-14

Eff Date: 12-2-97

Siting: *460' from Qtr/Qtr, uncomm. tract*

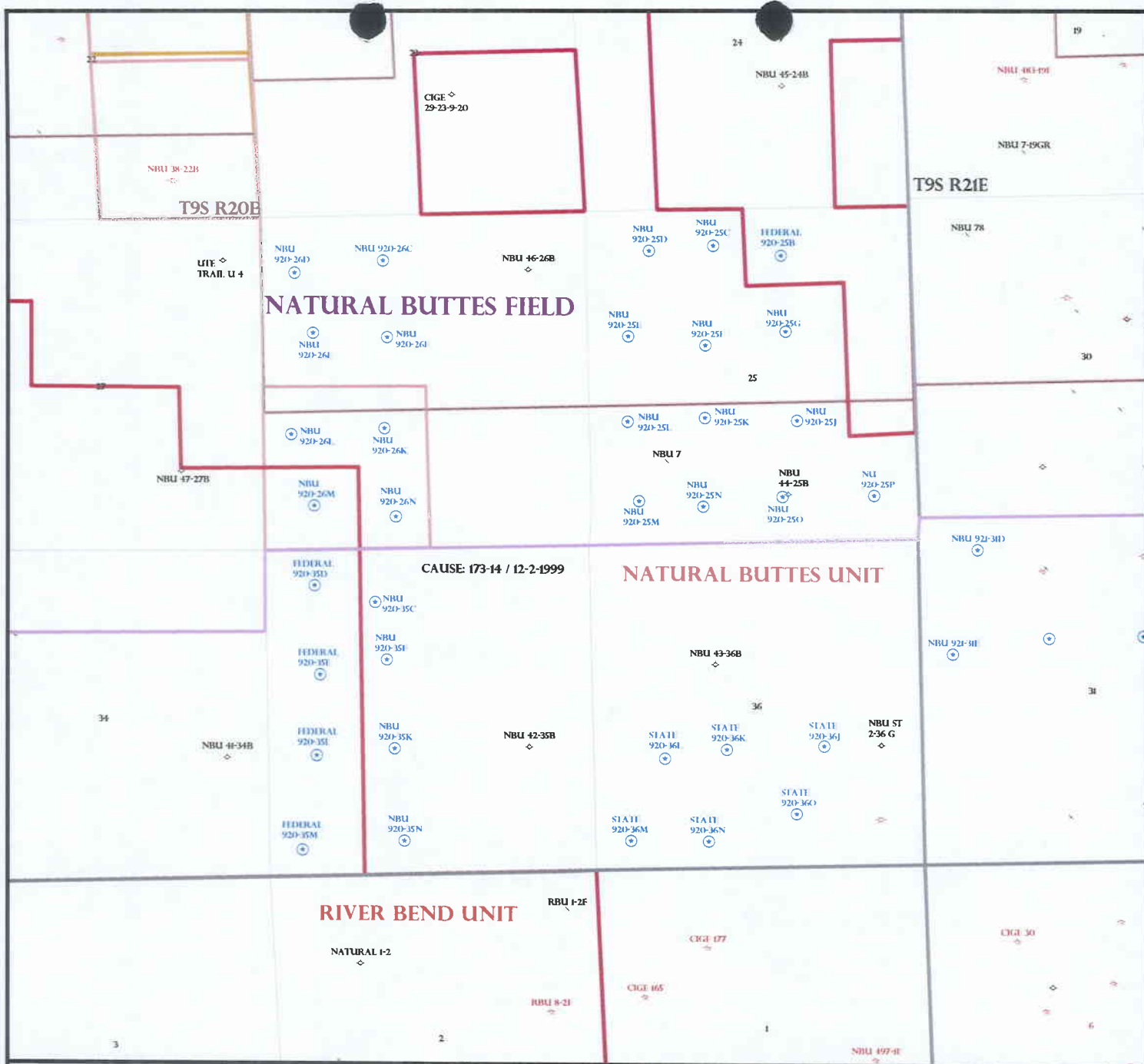
\_\_\_ R649-3-11. Directional Drill

COMMENTS:

*Sep, Separate file*

STIPULATIONS:

*1- Federal Approval  
2- OIL SHALE*



OPERATOR: WESTPORT O&G CO (N2115)

SEC: 25,26,35 T. 9S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 24-AUG-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

August 25, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Natural Buttes Unit Uintah  
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

| API #                           | WELL NAME                                  | LOCATION |
|---------------------------------|--|----------|
| (Proposed PZ Wasatch-MesaVerde) |  |          |
| 43-047-36998 NBU                | 920-25K Sec 25 T09S R20E 2025 FSL 1908 FWL |          |
| 43-047-36999 NBU                | 920-25L Sec 25 T09S R20E 1993 FSL 0650 FWL |          |
| 43-047-37000 NBU                | 920-25M Sec 25 T09S R20E 0696 FSL 0841 FWL |          |
| 43-047-37001 NBU                | 920-25N Sec 25 T09S R20E 0584 FSL 1888 FWL |          |
| 43-047-37002 NBU                | 920-25O Sec 25 T09S R20E 0724 FSL 2156 FEL |          |
| 43-047-37003 NBU                | 920-25P Sec 25 T09S R20E 0707 FSL 0666 FEL |          |
| 43-047-37005 NBU                | 920-25C Sec 25 T09S R20E 0579 FNL 2047 FWL |          |
| 43-047-37006 NBU                | 920-25D Sec 25 T09S R20E 0627 FNL 1002 FWL |          |
| 43-047-37007 NBU                | 920-25E Sec 25 T09S R20E 2005 FNL 0666 FWL |          |
| 43-047-37008 NBU                | 920-25F Sec 25 T09S R20E 2194 FNL 1924 FWL |          |
| 43-047-37009 NBU                | 920-25G Sec 25 T09S R20E 2012 FNL 2051 FEL |          |
| 43-047-37010 NBU                | 920-25J Sec 25 T09S R20E 1956 FSL 1903 FEL |          |
| 43-047-37012 NBU                | 920-26C Sec 26 T09S R20E 0740 FNL 1996 FWL |          |
| 43-047-37013 NBU                | 920-26D Sec 26 T09S R20E 0938 FNL 0552 FWL |          |
| 43-047-37014 NBU                | 920-26E Sec 26 T09S R20E 1926 FNL 0841 FWL |          |
| 43-047-37015 NBU                | 920-26F Sec 26 T09S R20E 1997 FNL 2053 FWL |          |
| 43-047-37016 NBU                | 920-26K Sec 26 T09S R20E 1969 FSL 1986 FWL |          |
| 43-047-37017 NBU                | 920-26L Sec 26 T09S R20E 1907 FSL 0461 FWL |          |
| 43-047-37018 NBU                | 920-26N Sec 26 T09S R20E 0538 FSL 2143 FWL |          |
| 43-047-37019 NBU                | 920-35C Sec 35 T09S R20E 0865 FNL 1787 FWL |          |

Page 2

| API #                           | WELL NAME    | LOCATION                           |
|---------------------------------|--------------|------------------------------------|
| (Proposed PZ Wasatch-MesaVerde) |              |                                    |
| 43-047-37023                    | NBU 920-35F  | Sec 35 T09S R20E 1805 FNL 1962 FWL |
| 43-047-37024                    | NBU 920-35K  | Sec 35 T09S R20E 2075 FSL 2066 FWL |
| 43-047-37026                    | NBU 920-35N  | Sec 35 T09S R20E 0574 FSL 2195 FWL |
| 43-047-37029                    | NBU 1021-14M | Sec 14 T10S R21E 1260 FSL 1330 FWL |

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Natural Buttes Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron





**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 25, 2005

Westport Oil & Gas Company, LP  
1368 South 1200 East  
Vernal, UT 84078

Re: Natural Buttes Unit 920-25J Well, 1956' FSL, 1903' FEL, NW SE, Sec. 25,  
T. 9 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37010.

Sincerely,

  
for Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Westport Oil & Gas Company, LP  
Well Name & Number Natural Buttes Unit 920-25J  
API Number: 43-047-37010  
Lease: UTU-0579

Location: NW SE                      Sec. 25                      T. 9 South                      R. 20 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED

AUG 17 2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

5. Lease Serial No.  
UTU-0579

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

NATURAL BUTTES UNIT

8. Lease Name and Well No.

NBU 920-25J

9. Add Well No.  
4304737010

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. Sec., T., R., M., or Blk. and Survey or Area

SEC 25-T9S-R20E

12. County or Parish

UINTAH

13. State

UT

1a. Type of Work: ☒ DRILL ☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator  
WESTPORT OIL & GAS COMPANY, L.P.

3A. Address  
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)  
(435) 781-7060

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface NWSE 1956' FSL 1903' FEL

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office\*

10.8 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)

1903'

16. No. of Acres in lease

1920

17. Spacing Unit dedicated to this well

40

18. Distance from proposed\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.

REFER TO  
TOPO C

19. Proposed Depth  
10000'

20. BLM/BIA Bond No. on file  
CO-1203

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
4863.7' GL

22. Approximate date work will start\*  
UPON APPROVAL

23. Estimated duration  
TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized office.

25. Signature  
Debra Domenici

Title

Name (Printed/Typed)

DEBRA DOMENICI

Date

8/17/2005

ASSOCIATE ENVIRONMENTAL ANALYST

Approved by (Signature)  
Thomas B. Cleary

Title

Name (Printed/Typed)

Office

Date

01/06/2006

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

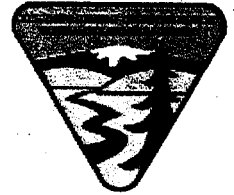
JAN 11 2006

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Westport Oil & Gas Company, L.P. Location: NWSE, Sec. 25, T9S, R20E  
Well No: Federal 920-25J Lease No: UTU-0579  
API No: 43-047-37010 Agreement: Natural Buttes Unit

|  |               |                      |                    |
|--|---------------|----------------------|--------------------|
| Petroleum Engineer:                        | Matt Baker    | Office: 435-781-4490 | Cell: 435-828-4470 |
| Petroleum Engineer:                        | Michael Lee   | Office: 435-781-4432 | Cell: 435-828-7875 |
| Supervisory Petroleum Technician:          | Jamie Sparger | Office: 435-781-4502 | Cell: 435-828-3913 |
| Environmental Scientist:                   | Paul Buhler   | Office: 435-781-4475 | Cell: 435-828-4029 |
| Environmental Scientist:                   | Karl Wright   | Office: 435-781-4484 |                    |
| Natural Resource Specialist:               | Holly Villa   | Office: 435-781-4404 |                    |
| Natural Resource Specialist:               | Melissa Hawk  | Office: 435-781-4476 |                    |
| After hours contact number: (435) 781-4513 |               | FAX: (435) 781-4410  |                    |

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |  |
|---|--|
| Location Construction<br>(Notify Holly Villa)           | - Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Holly Villa)             | - Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)              | - Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Jamie Sparger)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)  | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- If any paleontological or cultural materials are encountered, stop work immediately and report the find to this office.
- Paint all facilities Fuller O'Brian color Carlsbad Canyon (2.5Y 6/2). Any paint brand may be used provided the colors match.
- No drilling or construction will be allowed between May 15<sup>th</sup> through June 20<sup>th</sup> to protect pronghorn during kidding season. This timing restriction may be waived by a BLM representative qualified to do so, if a survey is conducted and the pronghorn prove to not be in that area.
- The interim seed mix for this location shall be:

|                         |                            |             |
|-------------------------|----------------------------|-------------|
| Needle and Thread grass | <i>Stipa comata</i>        | 6lbs. /acre |
| Crested Wheat grass     | <i>Agropyron cristatum</i> | 6lbs. /acre |

  - All pounds are in pure live seed.
  - Reseeding may be required if first seeding is not successful.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

### **DOWNHOLE CONDITIONS OF APPROVAL**

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.

- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water



analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

435-781-7060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NWSE SEC 25-T9S-R20E

1956' FSL 1903' FEL

5. Lease Serial No.

UTU-0579

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-25J

9. API Well No.

43-047-37010

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                   |   |  |   |
|--|--|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize                 | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing            | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
|  | <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | INTERIM SURFACE                         |
|  | <input type="checkbox"/> Convert to Injection    | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | RECLAMATION PLAN                        |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

WHEN THE PIT IS BACKFILLED, WITHIN 180 DAYS OF WELL COMPLETION, OPERATOR SHALL SPREAD THE TOPSOIL PILE ON THE LOCATION UP TO THE RIG ANCHOR POINTS. THE LOCATION WILL BE RESHAPED TO THE ORIGINAL CONTOUR TO THE EXTENT POSSIBLE. OPERATOR WILL RESEED THE AREA USING THE BLM RECOMMENDED SEED MIXTURE AND RECLAMATION METHODS.

COPY SENT TO OPERATOR

Order: 1-22-06  
Initials: CMO

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DEBRA DOMENICI

Title

ASSOCIATE ENVIRONMENTAL ANALYST

Signature

Date

January 11, 2006

## THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by  
Utah Division of

Date

Federal Approval Of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Oil, Gas and Mining

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

JAN 17 2006

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

| CA No.    |     | Unit: |     | NATURAL BUTTES UNIT |           |            |           |             |
|-----------|-----|-------|-----|---------------------|-----------|------------|-----------|-------------|
| WELL NAME | SEC | TWN   | RNG | API NO              | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005237**

**APPROVED 5/16/06**

**Earlene Russell**  
Division of Oil, Gas and Mining  
**Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |  |
|---|---|---|--|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                      |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                      |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other CHANGE OF OPERATOR |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |  |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

### Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERALS



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

|  |  |  |
|--|--|--|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.<br><b>UTU-0579</b>                               |
| 2. Name of Operator<br><b>KERR MCGEE OIL AND GAS ONSHORE LP</b>  |  | 6. If Indian, Allottee or Tribe Name                                 |
| 3a. Address<br><b>1368 SOUTH 1200 EAST VERNAL, UT 84078</b>  | 3b. Phone No. (include area code)<br><b>435-781-7003</b> | 7. If Unit or CA/Agreement, Name and/or No.<br><b>NATURAL BUTTES</b> |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br><b>NWSE SEC 25-T9S-R20E<br/>1956' FSL 1903' FEL</b>    |  | 8. Well Name and No.<br><b>NBU 920-25J</b>                           |
|  |  | 9. API Well No.<br><b>4304737010</b>                                 |
|  |  | 10. Field and Pool, or Exploratory Area<br><b>NATURAL BUTTES</b>     |
|  |  | 11. County or Parish, State<br><b>UINTAH COUNTY, UTAH</b>            |

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |  |
|---|---|---|--|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                        |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                        |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>APD EXTENSION</b> |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <b>DOGM</b>  |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON SEPTEMBER 27, 2005.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 11-02-06

By: [Signature]  
Title: REGULATORY CLERK

Date: October 20, 2006

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**RAMEY HOOPES**

Signature

Ramey Hoopes

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

NOV 01 2006

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737010  
**Well Name:** NBU 920-25J  
**Location:** NWSE SEC 25-T9S-R20E  
**Company Permit Issued to:** KERR MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** 8/25/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Ramey Hoopes  
Signature

10/20/2006  
Date

Title: REGULATORY CLERK

Representing: KERR MCGEE OIL AND GAS ONSHORE L

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**NOV 01 2006**

**DIV. OF OIL, GAS & MINING**

## DIVISION OF OIL, GAS AND MINING

### ***SPUDDING INFORMATION***

Name of Company: KERR-McGEE OIL & GAS ONSHORE, LP

Well Name: NBU 920-25J

Api No: 43-047-37010 Lease Type: FEDERAL

Section 25 Township 09S Range 20E County UINTAH

Drilling Contractor PETE MARTIN RIG # BUCKET

### **SPUDDED:**

Date 02/01/07

Time 10:00 AM

How DRY

***Drilling will Commence:*** \_\_\_\_\_

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 02/02/2007 Signed CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995  
Address: 1368 SOUTH 1200 EAST  
city VERNAL  
state UT zip 84078 Phone Number: (435) 781-7024

**Well 1**

| API Number   | Well Name             |                   | QQ        | Sec | Twp | Rng                              | County |
|--|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304737010   | NBU 920-25J           |                   | NWSE      | 25  | 9S  | 20E                              | UINTAH |
| Action Code  | Current Entity Number | New Entity Number | Spud Date |     |     | Entity Assignment Effective Date |        |
| <u>B</u>   | 99999                 | <u>2900</u>       | 2/1/2007  |     |     | <u>2/13/07</u>                   |        |
| Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u><br>SPUD WELL LOCATION ON 02/01/2007 AT 1000 HRS. |                       |                   |           |     |     |                                  |        |

**Well 2**

| API Number   | Well Name             |                   | QQ        | Sec | Twp | Rng                              | County |
|--|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
| 4304736741   | BONANZA 1023-5K       |                   | NESW      | 5   | 10S | 23E                              | UINTAH |
| Action Code  | Current Entity Number | New Entity Number | Spud Date |     |     | Entity Assignment Effective Date |        |
| <u>A</u>   | 99999                 | <u>15922</u>      | 1/31/2007 |     |     | <u>2/13/07</u>                   |        |
| Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u><br>SPUD WELL LOCATION N 01/31/2007 AT 1400 HRS |                       |                   |           |     |     |                                  |        |

**Well 3**

| API Number  | Well Name             |                   | QQ        | Sec | Twp | Rng                              | County |
|-------------|-----------------------|-------------------|-----------|-----|-----|----------------------------------|--------|
|             |                       |                   |           |     |     |                                  |        |
| Action Code | Current Entity Number | New Entity Number | Spud Date |     |     | Entity Assignment Effective Date |        |
|             |                       |                   |           |     |     |                                  |        |
| Comments:   |                       |                   |           |     |     |                                  |        |

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

To: BARLENE RUSSELL From: Sheila Upchego  
(6/2000) Co./Dept: UDOGM Co. KALB  
Phone: (801) 538-6330 Phone: (435) 781-7024  
Fax: (801) 259-3440 Fax: (435) 781-7094

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

2/1/2007

Title

Date

RECEIVED

FEB 01 2007

DIV. OF OIL, GAS &amp; MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

UTU-0579

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-25J

9. API Well No.

4304737010

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1956' FSL 1903' FEL

NWSE, SEC 25-T9S-R20E

DEC 04 2006

BLM VERNAL, UTAH  
435-781-1003

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                 |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                 |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other APD EXTENSION |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | BLM   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT ON JANUARY 6, 2006.

RECEIVED

FEB 02 2007

DEPT. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

Ramey Hoopes

Date

December 4, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Petroleum Engineer

Date

JAN 17 2007

Conditions of approval are attached. Approval of this does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL ATTACHED



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737010  
**Well Name:** NBU 920-25J  
**Location:** NWSE, SEC 25-T9S-R20E  
**Company Permit Issued to:** KERR MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** 1/6/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

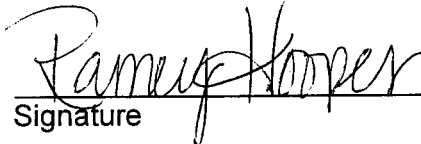
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

12/4/2006

Date

Title: REGULATORY CLERK

Representing: Kerr McGee Oil and Gas Onshore LP

# **CONDITIONS OF APPROVAL**

## **Kerr-McGee Oil & Gas**

### **Notice of Intent APD Extension**

**Lease:** UTU-0579  
**Well:** NBU 920-25J  
**Location:** NWSE Sec 25-T9S-R20E

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 1/6/08.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Jim Ashley of this office at (435) 781-4470.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

UTU-0579

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-25J

9. API Well No.

4304737010

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SE SEC. 25, T9S, R20E 1956'FSL, 1903'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off             |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity             |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other WELL SPUD |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 02/01/2007 AT 1000 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

February 1, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

FEB 05 2007

DIV. OF OIL, GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

UTU-0579

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-25J

9. API Well No.

4304737010

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SE SEC. 25, T9S, R20E 1956'FSL, 1903'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off               |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity               |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other SET SURFACE |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | CSG   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU BILL MARTIN AIR RIG ON 02/05/2007. DRILLED 12 1/4" SURFACE HOLE TO 2760'. RAN 9 5/8" 57 JTS OF 32.3# H-40 AND 10 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/250 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS 15 +/- BBLS LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/85 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE CMT TO SURFACE HOLE STAYED FULL.

WORT

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Date

February 9, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED  
FEB 14 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/SE SEC. 25, T9S, R20E 1956'FSL, 1903'FEL**

5. Lease Serial No.

**UTU-0579**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A**

**NATURAL BUTTES UNIT**

8. Well Name and No.

**NBU 920-25J**

9. API Well No.

**4304737010**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |  |
|---|---|---|--|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                                    |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                                    |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>FINAL DRILLING OPERATIONS</b> |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |  |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2760' TO 10,155' ON 03/11/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/526 SX PREM LITE II @11.8 PPG 2.52 YIELD. TAILED CMT W/1448 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG AND DISPLACED W/157 BBLS WATER BUMP PLUG W/500 OVER FINAL CIRC PSI OF 2985 & HAD FULL RETURNS DURING JOB & GOT BACK 33 BBLS CMT TO PIT. SET HANGER W/80K STRING WT & BACK OFF LANDING JT TEST HANGER. WASH AND CLEAN OUT MUD TANKS.

**RELEASED ENSIGN RIG 83 ON 03/12/2007 AT 2:00 PM.**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**March 12, 2007**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**

**MAR 16 2007**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SE SEC. 25, T9S, R20E 1956'FSL, 1903'FEL

5. Lease Serial No.

UTU-0579

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-25J

9. API Well No.

4304737010

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |  |
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| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity              |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other PRODUCTION |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | START-UP   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 04/07/2007 AT 11:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED

APR 23 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

April 16, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Anadarko Petroleum Corporation  
1368 S. 1200 East  
Vernal, UT 84078

## CHRONOLOGICAL WELL HISTORY

### NBU 920-25J

NWSE, SEC. 25, T9S, R20E  
UINTAH COUNTY, UT

| DATE     | Activity   | Status |
|----------|--|--------|
| 01/11/07 | LOCATION STARTED Pioneer 83  |        |
| 01/31/07 | LOCATION COMPLETE Pioneer 83   | P/L IN |
| 02/01/07 | SET CONDUCTOR Pioneer 83   |        |
| 02/04/07 | SET AIR RIG 9 5/8" @2717' Pioneer 83   | WORT   |
| 02/27/07 | TD: 2760' Csg. 9 5/8" @ 2718' MW: 8.4 SD: 2/XX/07 DSS: 0<br>Move rig f/ NBU 920-25F. RURT. NUBOP. Prep to test BOPE @ report time.   |        |
| 02/28/07 | TD: 3067' Csg. 9 5/8" @ 2718' MW: 8.4 SD: 2/28/07 DSS: 0<br>Test BOPE. PU BHA and DP. Drill FE. Rotary Spud @ 0030 hrs 2/28/07. Drill from 2760'-3067'. DA report time.  |        |
| 03/01/07 | TD: 4577' Csg. 9 5/8" @ 2718' MW: 8.9 SD: 2/28/07 DSS: 2<br>Drill from 3067'-4577'. DA report time.  |        |
| 03/02/07 | TD: 6060' Csg. 9 5/8" @ 2718' MW: 9.2 SD: 2/28/07 DSS: 3<br>Drill from 4577'-6060'. DA report time.  |        |
| 03/05/07 | TD: 8200' Csg. 9 5/8" @ 2718' MW: 11.1 SD: 2/28/07 DSS: 6<br>Drill from 6060'-7139'. TFNB. Drill to 8200'. DA report time.   |        |
| 03/06/07 | TD: 8576' Csg. 9 5/8" @ 2718' MW: 11.6 SD: 2/28/07 DSS: 7<br>Drill from 8200'-8576'. TFNB @ report time.   |        |
| 03/07/07 | TD: 8816' Csg. 9 5/8" @ 2718' MW: 11.6 SD: 2/28/07 DSS: 8<br>TFNB. Drill from 8576'-8816'. DA @ report time.   |        |
| 03/08/07 | TD: 9109' Csg. 9 5/8" @ 2718' MW: 11.8 SD: 2/28/07 DSS: 9<br>Drill from 8816'-8864. TFNB. Drill to 9109'. DA.  |        |
| 03/09/07 | TD: 9780' Csg. 9 5/8" @ 2718' MW: 12.3 SD: 2/28/07 DSS: 10<br>Drill from 9109'-9780. DA @ report time.   |        |
| 03/12/07 | TD: 10155' Csg. 9 5/8" @ 2718' MW: 12.4 SD: 2/28/07 DSS: 13<br>Drill from 9780'-10155'. Short trip, CCH, and LDDP. Run logs, hit bridge at 7285', and logged out. Run and cement 4 1/2" Production Casing. Set slips and release rig @ 0200 hrs 3/12/07. RDRT. |        |
| 03/13/07 | TD: 10155' Csg. 9 5/8" @ 2718' MW: 12.4 SD: 2/28/07 DSS: 14  |        |

RDRT. Will move to Federal 920-26M this am.

04/02/07

### FRAC

Days on Completion 1

DAY 1 ) 7:00 AM. HSM. MIRU WEATHERFORD & CUTTERS 8,700 BBLS OF PIT WATER & 3,300 BBLS GOAT PASTURE WATER FOR FRAC

STG 1 ) RIH W/ 3 3/8"EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING PERF. 9,941' - 44' 3SPF, 9,896' - 98' 3 SPF, 9,817' - 20' 4 SPF, 9,771' - 75' 3 SPF, 9,706' - 08' 3 SPF, 45 HOLES. WHP 1,400 PSI, BRK 3,769 PSI, @ 3.0 BPM, ISIP 3,172 PSI, FG .76 PUMP 100 BBLS @ 50.3 BPM @ 4,850 PSI = 40 OF 45 HOLES OPEN. MP 7,141 PSI, MR 53.1 BPM, AP 4,933 PSI, AR 50.4 BPM, ISIP 3,133 PSI. FG .76 NPI -39, PUMPED 1,270 BBLS OF SLICK WATER & 36,404# OF 30/50 SAND.

STG 2 ) RIH W/ 3 3/8"EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING SET 8K BAKER CBP @ 9,527' & PERF. 9,494' - 97' 4SPF, 9,475' - 78' 4 SPF, 9,427' - 30' 4 SPF, 9,398' - 9,400' 4 SPF, 44 HOLES. WHP 385 PSI, BRK 3,546 PSI, @ 3.0 BPM, ISIP 2,725 PSI, FG .73 PUMP 100 BBLS @ 50.1 BPM @ 5,500 PSI = 38 OF 44 HOLES OPEN. MP 5,813 PSI, MR 50.6 BPM, AP 4,779 PSI, AR 50.1 BPM, ISIP 2,944 PSI. FG .75 NPI 209 PSI, PUMPED 1,806 BBLS OF SLICK WATER & 64,533 # OF 30/50 SAND.

STG 3 ) RIH W/ 3 3/8"EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING SET 8K BAKER CBP @ 9,027' & PERF. 8,994' - 97' 4SPF, 8,951' - 54' 4 SPF, 8,808' - 12' 4 SPF, 40 HOLES. WHP 337 PSI, BRK 2,833 PSI, @ 3.0 BPM, ISIP 2,456 PSI, FG .72 PUMP 100 BBLS @ 50.8 BPM @ 4,800 PSI = 40 OF 40 HOLES OPEN. MP 5,209 PSI, MR 52.4 BPM, AP 4,632 PSI, AR 50.3 BPM, ISIP 3,206 PSI. FG .80 NPI 750 PSI, PUMPED 1,995 BBLS OF SLICK WATER & 71,825 # OF 30/50 SAND.

STG 4 ) RIH W/ 3 3/8"EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING SET 8K BAKER CBP @ 8,638' & PERF. 8,603' - 08' 4SPF, 8,562' - 66' 3 SPF, 8,393' - 96' 3 SPF, 41 HOLES. WHP 250 PSI, BRK 2,813 PSI, @ 3.1 BPM, ISIP 2,352 PSI, FG .72 PUMP 100 BBLS @ 51.4 BPM @ 4,700 PSI = 37 OF 41 HOLES OPEN. MP 5,838 PSI, MR 54.4 BPM, AP 4,639 PSI, AR 50.4 BPM, ISIP 3,176 PSI. FG .81 NPI 824 PSI, PUMPED 2,058 BBLS OF SLICK WATER & 74,498 # OF 30/50 SAND.

STG 5 ) RIH W/ 3 3/8"EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING SET 8K BAKER CBP @ 7,688' & PERF. 7,653' - 58' 4SPF, 7,405' - 09' 4 SPF, 7,377' - 80' 3 SPF, 41 HOLES. WHP 400 PSI, BRK 2,262 PSI, @ 3.1 BPM, ISIP 2,347 PSI, FG .75 PUMP 100 BBLS @ 51.3 BPM @ 4,500 PSI = 38 OF 41 HOLES OPEN. MP 4,926 PSI, MR 52.5 BPM, AP 4,406 PSI, AR 51.2 BPM, ISIP 3,023 PSI. FG .84 NPI 676 PSI, PUMPED 1,118 BBLS OF SLICK WATER & 38,170 # OF 30/50 SAND. SWI SDFN

04/03/07

### FRAC

Days On Completion: 2

Remarks: DAY 2) 7:00 AM. HSM

STG 6 ) RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING. SET 8K BAKER CBP @ 7,233', PERF 7,200' - 03' 4 SPF, 7,173' - 75' 3SPF, 7,134' - 38' 4 SPF, 7,054' - 56', 40 HOLES WHP 220 PSI, BRK 3,269 PSI, @ 3.4 BPM, ISIP 2,764 PSI, FG .83 PUMP 100 BBLS @ 51.3 BPM @ 4,450 PSI = 40 OF 40 HOLES OPEN. MP 4,938 PSI, MR 51.7 BPM, AP 4,303 PSI, AR 51.3 BPM, ISIP 2,768 PSI, FG .83, NPI 4 PSI, PUMP 820 BBLS SLICK WATER & 26,970 # 30/50 SAND

STG 7) RIH W/ 3 1/8" PORTED GNS, 12 GRM, .34 HOLES, 90 DEG PHASING. SET 8K BAKER CBP @ 6,618', PERF 6,580' - 88' 4 SPF, 6,425' - 28' 4 SPF, 40 HOLES WHP 40 PSI, BRK 2,386 PSI, @ 3.1 BPM, ISIP 2,383 PSI, FG .81 PUMP 100 BBLS @ 51.1 BPM @ 4,221 PSI = 40 OF 40 HOLES OPEN. MP 4,400 PSI, MR 53.8 BPM, AP 3,918 PSI, AR 51.3 BPM, ISIP

2,509 PSI, FG .83, NPI 126 PSI, PUMP 663 BBLs SLICK WATER & 21,222 # 30/50 SAND

STG 8) RIH W/ 3 1/8" PORTED GNS, 12 GRM, .34 HOLES, 90 DEG PHASING. SET 8K BAKER CBP @ 5,522', PERF 5,487' - 92' 4 SPF, 5,243' - 48' 4 SPF, 40 HOLES WHP 138 PSI, BRK 1,620 PSI, @ 2.0 BPM, ISIP 2,096 PSI, FG .83 PUMP 100 BBLs @ 51.5 BPM @ 3,600 PSI = 40 OF 40 HOLES OPEN. MP 4,425 PSI, MR 51.8 BPM, AP 3,548 PSI, AR 51.5 BPM, ISIP 2,434 PSI, FG .89, NPI 338 PSI, PUMP 1,146 BBLs SLICK WATER & 44,262 # 30/50 SAND KILL PLG ) RIH SET 8K BAKER CBP @ 5,190' RDMO CUTTERS & WEATHERFORD. WAIT ON COMPLETION RIG

04/04/07

**C/O CBP**

Days On Completion: 3

Remarks: 7:00 AM, (DAY#3) HELD JSA. SICP 2000#. MIRU, SPOT EQUIP, BLED OFF PRESSURE ON WELL. ND FRAC VALVES, NU BOP'S AND TBG EQUIP. PU 3 7/8" BIT W/ POBS NO PROFILE NIPPLE. RIH (DRIFTING AND TALLY TBG.) TAG KILL PLUG @ 5180'. RU DRILLING EQUIP. ESTABLISH CIRC W/ 2% KCL WTR USING RIG PMP. CLOSE PIPE RAMS & P.T. BOP TO 3000#. (HELD GOOD) C/O 10' SD.

(DRLG CBP#1) @ 5190'. DRILL OUT BAKER 8-K CBP IN 15 MIN. 500# DIFF. RIH, TAG SD @ 5492'. C/O 30' SD.

(DRLG CBP#2) @ 5522'. DRILL OUT BAKER 8-K CBP IN 10 MIN. 500# DIFF. RIH TAG SD @ 6583'. C/O 35' SD.

(DRLG CBP#3) @ 6618'. DRILL OUT BAKER 8-K CBP IN 20 MIN. 400# DIFF. CIRC HOLE W/ 25 BBL'S. EOT @ 6588'. 6:00 PM, SWI SDFN.

WTR USED FOR THE DAY 100 BBL'S 2% KCL.

WTR RECOVERED FOR THE DAY 500 BBL'S WHILE C/O CBP'S.

04/05/07

**C/O CBP**

Days On Completion: 4

Remarks: 7:00 AM, (DAY#4) HELD JSA. SICP 1750# SITP 0#. BLED DN PRESSURE.

CONTINUE C/O CBPS. RIH TAG SD @ 7203' C/O 30' SD.

(DRLG CBP#4) @ 7233'. DRILL OUT BAKER 8K IN 15 MIN. 400# DIFF. RIH TAG SD @ 7658'. C/O 30' SD.

(DRLG CBP#5) @ 7688'. DRILL OUT BAKER 8K IN 20 MIN. 400# DIFF. RIH TAG SD @ 8608'. C/O 30' SD.

(DRLG CBP#6) @ 8638'. DRILL OUT BAKER 8K IN 20 MIN. 500# DIFF. RIH TAG SD @ 8992'. C/O 35' SD.

(DRLG CBP#7) @ 9027'. DRILL OUT BAKER 8K IN 15 MIN. 500# DIFF. RIH TAG SD @ 9500'. C/O 27' SD.

(DRLG CBP#8) @ 9527'. DRILL OUT BAKER 8K IN 10 MIN. 400# DIFF. RIH TAG SD @ 9967'. (C/O 88' SD TO 10,055' 111' RAT HOLE BELOWE BTM PERF @ 9944'.) CIRC HOLE CLEAN. POOH LD ON TBG TRAILER 164 JTS L-80 TBG. LAND TBG @ 5093'. ND BOPS AND EQUIP, DROP BALL NU W/H. PMP 8 BBL'S, PMP OFF BIT @ 2400#. TURN WELL OVER TO FL, TESTERS. 6:00 PM, SDFN TURN WELL OVER TO FL, TEST CREW.

TOTAL SAND C/O 285'

TOTAL FRAC WTR USED 10,813 BBL'S.

TOTAL 2% WTR USED 250 BBL'S. TOTAL WTR USED FOR THE JOB 11,063 BBL'S.

WTR RECOVERED 3000 BBL'S.

WTR LEFT TO RECOVER 8063 BBL'S.

**FLOW BACK REPORT:** CP: 2650#, TP: 1750#, 60 BWPH, 20/64 CHK, BBLs REC'D: 840, LLTR: 7223

04/06/07

**FLOW BACK REPORT:** CP: 2500#, TP: 1700#, 35 BWPH, 20/64 CHK, BBLs REC'D: 1820, LLTR: 6243

04/07/07

**WELL WENT ON SALES:** @ 11:00 AM, 1700 MCF, 2350-1650 TBG, 2350 CSG, 20/64 CK, 30 BBWH

**FLOW BACK REPORT:** CP: 2300#, TP: 1700#, 25 BWPH, 20/64 CHK, BBLS REC'D: 2480,  
LLTR: 5583

**ON SALES:** 902 MCF, 0 BC, 600 BW, TP: 1700#, CP: 2300#, 20/64 CHK, 12 HRS, LP: 110#.

04/08/07

**FLOW BACK REPORT:** CP: 2125#, TP: 1600#, 20 BWPH, 20/64 CHK, BBLS REC'D: 3005,  
LLTR: 5058

**ON SALES:** 1789 MCF, 0 BC, 480 BW, TP: 1500#, CP: 2125#, 20/64 CHK, 24 HRS, LP: 105#.

04/09/07

**ON SALES:** 1864 MCF, 0 BC, 593 BW, TP: 1444#, CP: 1934#, 18/64 CHK, 24 HRS, LP: 112#.

04/10/07

**ON SALES:** 1986 MCF, 0 BC, 593 BW, TP: 1157#, CP: 1668#, 18/64 CHK, 24 HRS, LP: 124#.

04/11/07

**ON SALES:** 1923 MCF, 0 BC, 593 BW, TP: 1036#, CP: 1538#, 18/64 CHK, 24 HRS, LP: 102#.

04/12/07

**ON SALES:** 1812 MCF, 0 BC, 593 BW, TP: 970#, CP: 1434#, 18/64 CHK, 24 HRS, LP: 108#.

04/13/07

**ON SALES:** 1840 MCF, 0 BC, 371 BW, TP: 928#, CP: 1216#, 20/64 CHK, 24 HRS, LP: 117#.

04/14/07

**ON SALES:** 1837 MCF, 0 BC, 371 BW, TP: 821#, CP: 1114#, 20/64 CHK, 24 HRS, LP: 113#.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

5. Lease Serial No.  
UTU-0579

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator  
KERR MCGEE OIL & GAS ONSHORE LP

3. Address 3a. Phone No. (include area code)  
1368 SOUTH 1200 EAST VERNAL, UTAH 84078 (435)-781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*

At surface NWSE 1956'FSL, 1903'FEL

At top prod. interval reported below

At total depth

14. Date Spudded 15. Date T.D. Reached 16. Date Completed  
02/01/07 03/11/07 04/07/07  
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD 10.155' 19. Plug Back T.D.: MD 10.110' 20. Depth Bridge Plug Set: MD  
TVD TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit copy)  
Was DST run? ☒ No ☐ Yes (Submit copy)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

CBL-CCL-GR

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD)  | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|-----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 20"       | 14"        | 36.7#       |           | 40'         |                      | 28 SX                       |                   |             |               |
| 12 1/4"   | 9 5/8"     | 32.3# 36#   | H-40 J-55 | 2760'       |                      | 660 SX                      |                   |             |               |
| 7 7/8"    | 4 1/2"     | 11.6#       |           | 10,155'     |                      | 1974 SX                     |                   |             |               |

24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Set (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-----------------|
| 2 3/8" | 5093'          |                   |      |                |                   |      |                |                 |

25. Producing Intervals

| Formation    | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------|-------|--------|---------------------|------|-----------|--------------|
| A) WASATCH   | 5243' | 7658'  | 5243'-7658'         | 0.36 | 161       | OPEN         |
| B) MESAVERDE | 8393' | 9944'  | 8393'-9944'         | 0.36 | 170       | OPEN         |
| C)           |       |        |                     |      |           |              |
| D)           |       |        |                     |      |           |              |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and type of Material                        |
|----------------|--|
| 5243'-7658'    | PMP 3747 BBLs SLICK H2O & 130,624# 30/50 OTTOWA SD |
| 8393'-9944'    | PMP 7129 BBLs SLICK H2O & 244,586# 30/50 OTTOWA SD |

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MAY 29 2007

28. Production - Interval A

| Date First Produced | Test Date                 | Hours Tested      | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method        |
|---------------------|---------------------------|-------------------|-----------------|---------|---------|-----------|-----------------------|-------------|--------------------------|
| 04/07/07            | 04/10/07                  | 24                | →               | 0       | 1,986   | 593       |                       |             | OW. OF OIL, GAS & MINING |
| Choke Size          | Tbg. Press. Flwg. 115# SI | Csg. Press. 1668# | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Well Status |                          |
| 18/64               |                           |                   | →               | 0       | 1986    | 593       |                       |             | PRODUCING GAS WELL       |

28a. Production - Interval B

| Date First Produced | Test Date                 | Hours Tested      | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method        |
|---------------------|---------------------------|-------------------|-----------------|---------|---------|-----------|-----------------------|-------------|--------------------------|
| 04/07/07            | 04/10/07                  | 24                | →               | 0       | 1986    | 593       |                       |             | OW. OF OIL, GAS & MINING |
| Choke Size          | Tbg. Press. Flwg. 115# SI | Csg. Press. 1668# | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Well Status |                          |
| 18/64               |                           |                   | →               | 0       | 1986    | 593       |                       |             | PRODUCING GAS WELL       |



## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation            | Top            | Bottom | Descriptions, Contents, etc. | Name | Top         |
|----------------------|----------------|--------|------------------------------|------|-------------|
|                      |                |        |                              |      | Meas. Depth |
| WASATCH<br>MESAVERDE | 4937'<br>8103' | 8103'  |                              |      |             |

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis   | 7. Other:     |                       |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) SHEILA UPCHEGO

Title SENIOR LAND ADMIN SPECIALIST

Signature

Date 5/9/2007

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-0579

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A  
NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-25J

9. API Well No.

4304737010

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SE SEC. 25, T9S, R20E 1956'FSL, 1903'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off               |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity               |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other MAINTENANCE |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

08/02/07 WELL HAD 200 PSI, PUMP 20 BBL'S. DOWN TBG.ND WELL HEAD, NU BOP'S, RU SAND LINE & LUBRICATOR, RUN BROACH TO 4500' LAY DOWN BROACH, REMOVE PROTECTORS, TALLY, PICK UP & RUN 160 JTS. L-80 TBG, CLOSE IN WELL, WELL HAD 1150 PSI, BLEED DOWN, PUMP 15 BBL'S. DOWN TBG., RUN 4 JTS. , TAG UP @10035' , RU PS & FU, BREAK CIRC. CLEAN OUT SAND TO 10,055', HIT OLD POBS, DRILLING GOT VERY HARD. CIRC. HOLE CLEAN, LAY DOWN PS, PULL & LAY DOWN 32 JTS, STAND-BACK 291 JTS, BREAK OUT OLD NC, RUN 35 STDS. FOR KILL STRING. CLOSE IN WELL. SDFN, 4:30PM, LEAVE WELL OPEN TO SALES OVER WEEKEND. PUMPED 280 BBL'S., RECOVERED 190 BBL'S. BLED DN PRESS, PMP'D 40 BBL'S 2% KCL WTR FOR WELL CONTROL. POOH W/KILL STRING. RU HYDRILL AND BLIN RAM. PU 24 JT'S 2 7/8" ULT- FJ TBG (750').PU ONE JT 2 3/8" L/N-80 TBG. EOT@ 781'.BLED DN PRESS. RU SPOOLERS, PMP'D 50 BBL'S 2% KCL WTR FOR WELL CONTROL. PU CAP STRING INJ TUB, RIH W/ 292 JT'S 2 3/8" L/N-80 TBG W/ 4 BANDS PER STAND. LAND TBG @ 9863'. ND HYDRILL AND TBG EQUIP NU W/H W/ CAP STRING PORT. PMP'D 13 1/2 CAL'S DN CAP STRING. TOT WTR USED 450 BBL'S 2% KCL. WTR RECOVERED 300 BBL'S WTR LEFT TO RECOVER 100 BBL'S.TBG USED 114 JT'S 2 3/8"

RECEIVED

SEP 25 2007

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Signature

Title

SENIOR LAND ADMIN SPECIALIST DIV. OF OIL, GAS & MINING

Date

September 18, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

|  |   |  |
|--|---|--|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  |   | <b>FORM 9</b>  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. |   | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-0579 |
| <b>1. TYPE OF WELL</b><br>Gas Well   |   | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>               |
| <b>2. NAME OF OPERATOR:</b><br>KERR-MCGEE OIL & GAS ONSHORE, L.P.  |   | <b>7. UNIT or CA AGREEMENT NAME:</b><br>NATURAL BUTTES     |
| <b>3. ADDRESS OF OPERATOR:</b><br>P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779  |   | <b>8. WELL NAME and NUMBER:</b><br>NBU 920-25J             |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1956 FSL 1903 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: NWSE Section: 25 Township: 09.0S Range: 20.0E Meridian: S  |   | <b>9. API NUMBER:</b><br>43047370100000                    |
| <b>PHONE NUMBER:</b><br>720 929-6454   |   | <b>9. FIELD and POOL or WILDCAT:</b><br>NATURAL BUTTES     |
| <b>COUNTY:</b><br>UINTAH   |   | <b>STATE:</b><br>UTAH                                      |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  |   |  |
| <b>TYPE OF SUBMISSION</b>  | <b>TYPE OF ACTION</b>                                   |  |
| <input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:   | <input type="checkbox"/> ACIDIZE                        |  |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>6/7/2016  | <input type="checkbox"/> ALTER CASING                   |  |
| <input type="checkbox"/> SPUD REPORT<br>Date of Spud:  | <input type="checkbox"/> CASING REPAIR                  |  |
| <input type="checkbox"/> DRILLING REPORT<br>Report Date:   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       |  |
|  | <input type="checkbox"/> CHANGE TUBING                  |  |
|  | <input type="checkbox"/> CHANGE WELL STATUS             |  |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS |  |
|  | <input type="checkbox"/> DEEPEN                         |  |
|  | <input type="checkbox"/> FRACTURE TREAT                 |  |
|  | <input type="checkbox"/> OPERATOR CHANGE                |  |
|  | <input type="checkbox"/> PLUG AND ABANDON               |  |
|  | <input type="checkbox"/> PRODUCTION START OR RESUME     |  |
|  | <input type="checkbox"/> RECLAMATION OF WELL SITE       |  |
|  | <input type="checkbox"/> REPERFORATE CURRENT FORMATION  |  |
|  | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       |  |
|  | <input type="checkbox"/> TUBING REPAIR                  |  |
|  | <input type="checkbox"/> VENT OR FLARE                  |  |
|  | <input type="checkbox"/> WATER SHUTOFF                  |  |
|  | <input type="checkbox"/> SI TA STATUS EXTENSION         |  |
|  | <input type="checkbox"/> WILDCAT WELL DETERMINATION     |  |
|  | <input checked="" type="checkbox"/> OTHER               |  |
|  | OTHER: <input type="text" value="WORKOVER"/>            |  |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.<br>A WELLBORE CLEANOUT HAS BEEN COMPLETED ON THE NBU 920-25J WELL. PLEASE SEE THE ATTACHED OPERATIONS SUMMARY REPORT FOR DETAILS.   |   |  |
| Accepted by the<br>Utah Division of<br>Oil, Gas and Mining<br><b>FOR RECORD ONLY</b><br>July 01, 2016  |   |  |
| <b>NAME (PLEASE PRINT)</b><br>Jennifer Thomas  | <b>PHONE NUMBER</b><br>720 929-6808                     | <b>TITLE</b><br>Regulatory Specialist                      |
| <b>SIGNATURE</b><br>N/A  | <b>DATE</b><br>6/30/2016                                |  |

**US ROCKIES REGION**  
**Operation Summary Report**

| Well: NBU 920-25J                                      |                   |                  |       | Spud date: 2/28/2007 |             |     |                   |  |  |
|--|-------------------|------------------|-------|----------------------|-------------|-----|-------------------|--|--|
| Project: UTAH-UINTAH                                   |                   |                  |       | Site: NBU 920-25J    |             |     |                   | Rig name no.: MILES 2/2  |  |
| Event: WELL WORK EXPENSE                               |                   |                  |       | Start date: 6/2/2016 |             |     |                   | End date: 6/7/2016   |  |
| Active datum: RKB @4,880.99usft (above Mean Sea Level) |                   |                  |       | UWI: NBU 920-25J     |             |     |                   |  |  |
| Date   | Time<br>Start-End | Duration<br>(hr) | Phase | Code                 | Sub<br>Code | P/U | MD from<br>(usft) | Operation  |  |
| 6/2/2016   | 7:00 - 7:15       | 0.25             | MAINT | 48                   |             | P   |                   | HSM-JSA  |  |
|  | 7:15 - 18:30      | 11.25            | MAINT | 31                   | I           | P   |                   | MOVE RIG & EQUIP FROM 920-24I, MIRU SPOT EQUIP, FCP 80 PSI, CNTRL WELL W/ 50 BBLS TMAC, NDWH, NUBOP, MIRU WTRFD SPOOLER, POOH STD BK 290 JTS 2 3/8" TBG WHILE UNBANDING & SPOOLING 1/4" CAP STRING, RDMO WTRFD, SWIFN.   |  |
| 6/3/2016   | 7:00 - 7:15       | 0.25             | MAINT | 48                   |             | P   |                   | HSM/ JSA   |  |
|  | 7:15 - 11:00      | 3.75             | MAINT | 31                   | I           | P   |                   | SICP 500 PSI, CNTRL WELL W/ 30 BBLS TMAC, POOH LD 24 JTS 2 7/8" UF TBG, RIH W/ 290 JTS 2 3/8" TBG  |  |
|  | 11:00 - 15:30     | 4.50             | MAINT | 31                   | S           | P   |                   | MIRU SCAN TECH, POOH SCAN 290 JTS 2 3/8" TBG, 23 JTS YB, 59 JTS BB, 9 JTS DBL BB, & 198 JTS RB, SWIFWE.  |  |
| 6/6/2016   | 7:00 - 7:15       | 0.25             | MAINT | 48                   |             | P   |                   | HSM/ JSA   |  |
|  | 7:15 - 18:30      | 11.25            | MAINT | 44                   | D           | P   |                   | SICP 1100 PSI, CNTRL WELL W/ 30 BBLS TMAC, PU 3 7/8" MILL & POBS W/ XN SN, PU TALLY RIH W/ 314 JTS 2 3/8" TBG TAG FILL @ 9940', RU PWR SWVL, MIRU WTRFD FU BRK CIRC (2 HRS), C/O TO PBTD @ 10055' CIRC CLN, RD PWR SWVL, POOH LD 31 JTS TBG, LAND TBG W/ 287 JTS 2 3/8" P110 TBG EOT @ 9101.79', RD FLOOR & TBG EQUIP, NDBOP, NUWH, SWIFN. |  |
|  |                   |                  |       |                      |             |     |                   | KB- 17'<br>HANGER- 1'<br>287 JTS 2 3/8" P110- 9081.59'<br>POBS W/ XN SN- 2.20'<br>PBTD- 10055'   |  |
| 6/7/2016   | 7:00 - 7:15       | 0.25             | MAINT | 48                   |             | P   |                   | HSM/ JSA   |  |
|  | 7:15 - 10:00      | 2.75             | MAINT | 30                   | H           | P   |                   | SICP 1050 PSI, DROP BALL POBS, PMP 40 BBLS W/ NO PSI INC, RU SWAB TOOLS BROACH TBG TO SN @ 9100', SWI, RDMO.   |  |